

20000819.qrp v01_n918.qrl.20000819

Date: Sat, 19 Aug 2000 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1918

QRP-L Digest 1918

Topics covered in this issue include:

- 1) [77670] Re: low-power philosophy
by Lew Paceley <lew@paceley.com>
- 2) [77671] Re: FOX- N0UR, Raw Log
by Paul Womble <pwomble1@tampabay.rr.com>
- 3) [77672] Appalachian Trail Activation in PA 8/19/00
by "Ron Polityka" <wb3aal@fast.net>
- 4) [77673] QST, Sept issue
by GElam30092@aol.com
- 5) [77674] Re. Toroid question summary and thanks
by "Donny Sirait" <dsirait@centrin.net.id>
- 6) [77675] Re: QRP From Presque Isle State Park, PA.
by Tom and Roxy <zikot@erie.net>
- 7) [77676] Fox
by Dan Wolfe <n4roa@mounet.com>
- 8) [77677] From the AMSAT mailing list- FT817
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 9) [77678] Re: [Elecrafft] QST, Sept issue
by Phil Wheeler <w7ox@earthlink.net>
- 10) [77679] Re: From the AMSAT mailing list plus great satellite prediction site
by Jeff <fantbb@yahoo.com>
- 11) [77680] Re: [Elecrafft] QST, Sept issue
by John Buck <kh7t@arrl.net>
- 12) [77681] [PROP] Weekend 19-20 AUG
by "Paul Harden, NA5N" <na5n@rt66.com>
- 13) [77682] Re: Making the K2 a BIG DEAL in a QSO
by "Bill Todd" <zapzap73@hotmail.com>
- 14) [77683] Re: Making the K2 a BIG DEAL in a QSO
by "Mike Yetsko" <myetsko@insydesw.com>
- 15) [77684] qrp dx
by ac5ez@webtv.net (K1zw)
- 16) [77685] Pacificon 2000 QRP Forum Announcement
by "Doug Hendricks" <ki6ds@dospalos.org>
- 17) [77686] Items FS /or tradenot CW QRP
by RangerSF5@aol.com
- 18) [77687] ZL1MH<--->AL7FS 2XQRPp 1,396,200 miles per watt
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 19) [77688] Re: Appalachian Trail Activation in PA 8/19/00

- by "Ron Polityka" <wb3aal@fast.net>
- 20) [77689] Re: Old regen receivers and Ross Hull
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 21) [77690] Strange Propagation
by Joe Mikuckis <k3chp@erols.com>
- 22) [77691] This stuff is so much fun
by "John J. McDonough" <wb8rcr@arrl.net>
- 23) [77692] Re: This stuff is so much fun
by "John J. McDonough" <wb8rcr@arrl.net>
- 24) [77693] Re: ZL1MH<--->AL7FS 2XQRPp 1,396,200 miles per watt
by ac5ez@webtv.net (K1zw)
- 25) [77694] Australia on 20 M
by w2xn@juno.com
- 26) [77695] Re: QRP from Presque Isle State Park, PA.
by Tom and Roxy <zikot@erie.net>
- 27) [77696] For sale: K2 - SW30 - GM 15 Kit
by "NA6E" <na6e@qsl.net>
- 28) [77697] Wanted: DSW kit
by "Marty Purselley" <brewer@flash.net>
- 29) [77698] Tic chip curcuit?
by Tom M <tjmc@erols.com>
- 30) [77699] Re: Tic chip curcuit?
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 31) [77700] Great Morning on radio
by "Terry Bassett" <mutabut@net66.com>
- 32) [77701] Argonaut Mod (long)
by "Karl F. Larsen" <k5di@zianet.com>
- 33) [77702] AE4GX NOGA Tube Rig meets W3IRZ NOGA Tube Rig - Showdown on 80 mtrs!
by Sam Billingsley <SBillingsley@usaninc.com>
- 34) [77703] newcomerquestion: what do I need?
by "Hans Kaper" <hanskap@kaper-1.tmfweb.nl>
- 35) [77704] Help request, forward from N4SO/MM
by "Marshall Emm" <mgemm@ntechnologies.com>
- 36) [77705] Re: Old regen receivers and Ross Hull
by Randy & Cara Randall <crrandal@seidata.com>
- 37) [77706] Re: newcomerquestion: what do I need?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 38) [77707] Re: newcomerquestion: what do I need?
by Andrew Madsen <andrew@utahdesign.com>
- 39) [77708] Re: newcomerquestion: what do I need?
by n4qa@juno.com
- 40) [77709] NW series power-out mod online
by Scott Gregson <emtech@steadynet.com>
- 41) [77710] OT: Online operating schedule software
by John Wagner <john@neknetwork.com>
-

Date: Fri, 18 Aug 2000 18:20:06 -0500
From: Lew Paceley <lew@paceley.com>
To: dlh1009@ritvax.isc.rit.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [77670] Re: low-power philosophy
Message-ID: <00c901c0096a\$db0e3a60\$0332a8c0@roland.swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

While an admitted novice QRP'er (< 1 year) I found several things that attracted me to QRP. For me, the following are three of the key tenants of the QRP philosophy:

- 1) More is not necessarily better
Corollary: Efficiency is always important
- 2) There is elegance in simplicity
- 3) Skill counts.

I have never thought of QRP as "low tech". If you believe the corollary above, quite the opposite actually. I think of the DSW series as both elegant and efficient.

My \$.02,

Lew
N5ZE

----- Original Message -----

From: "David Hinerman" <dlh1009@ritvax.isc.rit.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, August 18, 2000 1:56 PM
Subject: low-power philosophy

> > D'you think QRP'ers hide behind less technology than
> > other hams? Perhaps QRP'ers apply the KISS principle more often than
> > others, so you're more likely to find a J-38 than a PC keyboard
> > hosed up to the key jack.
>
> Glen,
>
> "Hide behind less technology"? Hmmm... I don't think "less technology"
> quite hits it.

Date: Fri, 18 Aug 2000 20:17:18 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [77671] Re: FOX- N0UR, Raw Log
Message-ID: <399DD20E.DEDD1441@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Look at the RATS gnawing on that Dawg tail! Never seen a pup move that fast before!

CALL	RST	STATE/SEC	NAME	#/POWER	TIME	
N5TW	559	TX	TOM	1474	00	<--
Dawg						
AF4PS	599	FL	MAC	704	01	
<--Rat						
NV4V	579	KY	PETE	1721	02	
<--Rat						
AJ4Y	559	FL	PAUL	1795	03	
<--Rat						
N1TP	579	FL	TOM	1317	04	
<--Rat						

It AINT over till it's over!

73
Paul AJ4Y

Date: Fri, 18 Aug 2000 20:17:08 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [77672] Appalachian Trail Activation in PA 8/19/00
Message-ID: <00bc01c00972\$d0dc63c0\$6a0e5cd1@wb3aal>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Len, N2BSC and WB3AAL will activate the Appalachian Trail in Berks County PA on August 19, 2000. We should be on the air between 1200 & 1300 UTC and working until 1900 to 2000 UTC. We will be working the usual CW QRP frequencies. I will have a mic with me so if you would like me to QSY to SSB I will be able to do that. Len will be working 20 and maybe 40 meters. I will be working 40, 30, 20, 17, 15 & 10 if it is open.

So if you hear N2BSC or WB3AAL calling CQ we will be on the trail.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	

Date: Fri, 18 Aug 2000 20:41:41 EDT
From: GElam30092@aol.com
To: qrp-l@lehigh.edu, elecrafft@qth.net
Subject: [77673] QST, Sept issue
Message-ID: <fb.a107b58.26cf31c5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

On page 21 on the Sept. QST, you can see Doug Hendricks and Gary Diana in a picture with David Sumner. Doug's giving David with a couple of NorCal projects in an obvious bribery attempt. :-)

On the same page, Andy Meng is pictured with Jim Stafford receiving a K2 tuner for his QRP/Elecraft bicycle mobile.

And that's just the first glance at QST! I wonder who else is noted?!

Well done.....

Cheers,

Gerry, K7LR0

PHX AZ

Date: Sat, 19 Aug 2000 08:01:25 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [77674] Re. Toroid question summary and thanks
Message-ID: <005101c0097c\$8d74a340\$e9ee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear talented friends,

I would like to thank you all for the explanation of my other toroid question about colors.

Indeed my grey colored toroid was salvaged from a circuit of an EAS (Electronic Article Surveillance) equipment which operate at 58 KHz. Several of the bigger ones really come from the switching power supply for the EAS and the smaller ones are from the Low RF circuits of the EAS. After peeling the toroids I found that the surface is black and a bit shiny which characteristics fits very much to a ferrite mix core. I think I will just keep the ferrite toroids before I can find a way to use it.

In fact there are some colored toroids sold at our electronic parts center (Here in YB we have a part of town where the electronic parts shops were group located) but the shop keeper have not specifications for the toroids and even did not know

who made it therefore most of the time we were left in the dark.

vy 73 de YB1B0D
Donny Sirait
Bekasi Indonesia

Date: Fri, 18 Aug 2000 21:25:23 -0400
From: Tom and Roxy <zikot@erie.net>
To: qrp-l@Lehigh.EDU
Subject: [77675] Re: QRP From Presque Isle State Park, PA.
Message-ID: <3.0.5.32.20000818212523.007d7ca0@erie.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, I took my new GPS receiver down to Presque Isle this evening to find exactly what grid square I will be working in. I also go a fix on the area that I normally work QRP from at Beach #11. Here is the data that I collected and what I figured the grid squares to be. Could someone please verify the grid squares for me? My grid square program on approximates the grid square.

Sunday picnic area: 42'08.50N/080'08.02W Grid EN92WD

Beach #11: 42'09.37N/080'04.35W Grid EN92XD

If someone could confirm these I would be most grateful. There should be two more grid squares in the Presque Isle area and I will find them later not that I have a GPS. In the future I will be willing to go to anyone of the grid squares and try to QSO anyone that needs that grid square.

Again I thank everyone for your replies to my posting and I hope to QSO everyone on Sunday from our state park. I now feel 100% confident to "Go forth and QRP"

Oh, by the way, the picnic area doesn't have any power lines so I will be alive and well after sunday to post my contacts here on QRP-L.

I hope everyone has a great weekend.

73's es gud DX!

Tom & Roxanne
WA1VAI/3

Date: Fri, 18 Aug 2000 21:13:29 -0400
From: Dan Wolfe <n4roa@mounet.com>
To: qrp-l@Lehigh.EDU
Subject: [77676] Fox
Message-ID: <399DDF39.5197@mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy again ye hounds,

This Sunday's Fox is gonna be me.

I have healed up a little from my last run so guess this Sunday afternoon starting at 2000Z, I will again hit the trail. Look for me around 14.055 +/- a little. If I have to QSY, look around 14.060.

I still have sore paws, blind in one ear, and aches/pains from the previous run, so be nice. Call once and listen. Call again if I am not responding to someone. Hopefully, your call will be heard through my good ear. Just keep on a trying if you can hear me.

Also, congrats to the ND "Doc" for the A1 op. Well deserving.

See you Sunday afternoon. Fun, fun, fun, fun, fun..

72..Dan Wolfe, N4ROA, in Gate City, Va.

Date: Fri, 18 Aug 2000 21:34:51 -0400 (EDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: qrp-l@Lehigh.EDU
Subject: [77677] From the AMSAT mailing list- FT817
Message-ID: <200008190134.VAA07805@panix3.panix.com>

To: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
From: =?iso-8859-1?Q?=22Ram=F3n_Santoyo_V=2E=22?= <xe1kk@xe1kk.net>
Subject: Re: [amsat-bb] Is the new FT-817 at least one solution to our

problems?

Ahhhhhhhh!!!! 1.8 MHz to 440 MHz

At 12:31 p.m. 18-08-00 -0400, you wrote:

>Err, what band(s)?

>

>73, doug

>

> X-Sent: 18 Aug 2000 10:08:26 GMT

> X-Sender: ramsan@mail.avantel.net

> Date: Fri, 18 Aug 2000 03:21:35 -0600

>

>

> Today at Yokohama s Ham Fair 2000 I saw at the Standard-Yaesu boot a very
> interesting equipment: FT-817 all mode *portable* transceiver.

>

> It is very small (13.5W x 3.8H x 16.5D cm) and weights only 900 grams!!!.
> Modes: USB, LSB, AM, FM, FM-N, and packet conections for 1200 and 9600.

>

> It has BNC conector on the front and comes with a small antenna. Also
> has

> a "traditional" coax conector on the back.

>

> It puts out 5 watts when using 13.8 volts and about 2 watts when use with
> batteries (AA batteries OK). It operates split and have VFO A/B
> capabilities but since I can t read Japanese and the explanation I

> received

> in english was limited (on both sides) I don t know if it can operate

> cross

> band at least.

>

> It will be available in Japan in September at about +/- \$US1,100 (but
> radios here seems to me more expensive than in the US). They will start
> their marketing campaig in the US in October. They told me that probably
> will be available in the US by December.

>

> If it can work cross band and 2 watts are enough would be interesting to
> operate the Fujis with an Arrow and maybe RS-13 with an Arrow and

> something

> else.

>

> 73 de Ramon, XE1KK

> www.xe1kk.net

> xe1kk@xe1kk.net

>

Date: Fri, 18 Aug 2000 18:56:10 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: GElam30092@aol.com
Cc: qrp-l@lehigh.edu, elecraft@qth.net
Subject: [77678] Re: [Elecraft] QST, Sept issue
Message-ID: <399DE939.DB8182E0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mainly I note that mine arrives at least a week after I've heard all about it on the internet :-;

Phil

GElam30092@aol.com wrote:

>
> On page 21 on the Sept. QST, you can see Doug Hendricks and Gary Diana in a
> picture with David Sumner. Doug's giving David with a couple of NorCal
> projects in an obvious bribery attempt. :-)
>
> On the same page, Andy Meng is pictured with Jim Stafford receiving a K2
> tuner for his QRP/Elecraft bicycle mobile.
>
> And that's just the first glance at QST! I wonder who else is noted?!
>
> Well done.....
> Cheers,
> Gerry, K7LR0
> PHX AZ
>
> ---
> Submissions: elecraft@qth.net
> Please note: The list server automatically rejects HTML encoded emails.
> List Archive page: <http://www.qth.net/archive/elecraft/elecraft.html>
> Elecraft Web Page: <http://www.elecraft.com>

Date: Fri, 18 Aug 2000 18:59:01 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [77679] Re: From the AMSAT mailing list plus great satellite prediction site
Message-ID: <20000819015901.21134.qmail@web125.yahoomail.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

--- Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com> wrote:

> > Today at Yokohama s Ham Fair 2000 I saw at the Standard-Yaesu
> boot a very
> > interesting equipment: FT-817 all mode *portable* transceiver.
> >
> > It is very small (13.5W x 3.8H x 16.5D cm) and weights only 900
> grams!!!.
> > Modes: USB, LSB, AM, FM, FM-N, and packet conections for 1200
> and 9600.

Here is a great online satelite path prediction website.

<http://www.heavens-above.com>

You can get satelite predictions for every thing from the International Space Station to RS12/13!

Of course I can't mention the fact that they pay me thousands of dollars under the table to post their URL here. So officially I don't work for nor have any financial interest in them.

73!

Jeff

=====

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Voicemail/Fax 1-888-Excite2 ext 925-439-2514

ICQ 62450117

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.

<http://im.yahoo.com/>

Date: Fri, 18 Aug 2000 16:59:49 -1000

From: John Buck <kh7t@arrl.net>

To: Phil Wheeler <w7ox@earthlink.net>, qrp-l@lehigh.edu, elecraft@qth.net

Cc: GElam30092@aol.com

Subject: [77680] Re: [Elecraft] QST, Sept issue
Message-ID: <399DF825.FA289B59@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Only a week.
I do not even have August QST issue yet.

John KH7T

Phil Wheeler wrote:

>
> Mainly I note that mine arrives at least a week after I've heard all
> about it on the internet :-;
>
> Phil
>
>

Date: Fri, 18 Aug 2000 21:02:45 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-1@lehigh.edu
Subject: [77681] [PROP] Weekend 19-20 AUG
Message-ID: <Pine.SUN.4.10.10008182040350.19087-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The sun has been exceptionally quiet for nearly a month now ... there has been no large flares since the "biggie" X6 on 14 JUL and a couple of CME's last week that were not flare associated. The solar flux peaked about 190 a few days for this 28-day solar rotation, and now dropping towards the minimum over the next two weeks.

HAVE WE HIT THE PEAK OF THIS SOLAR CYCLE?

I've seen some chatter about this on the internet, backed up by SOME earlier predictions that we would hit maximum in the summer of 2000. Answer is: too early to tell. If you look at a plot of the solar flux over 2-3 rotations, you will notice it seems the high solar flux occurs EVERY OTHER 28-day rotation. See www.dxlc.com (click on solar) for a nice graph showing the past few months.

The rotation that produced the X6 on 14 JUL peaked with a solar flux of 253 on 20 JUL -- that's pretty high for most solar cycles; this rotation barely hit 190. That suggests the next rotation, to peak out around the middle of September (for QRP Afield contest!) should have solar fluxes in the 200's again.

So let's not throw in the towel and kiss this cycle goodbye yet :-)

THE GEOMAGNETIC FIELD has been very quiet as well ... good news for the lower bands and evening work, with single digit A-indexes and K=2-3 for quiet conditions.

FOR THE WEEKEND ... with the solar flux still around 170's, the higher bands will be in pretty good shape, with sporadic openings on 10M, and probably with heavy QSB. But 15-20M will be good daytime bands and into early evening for DX work.

The quiet geomagnetic field means 40 and 80M will be fairly nice during daylight hours, with normal D-layer absorptions or a bit less during the day for local work.

Excerpts from the NOAA RSGA report below:

Have a nice weekend and good DX,
Paul NA5N

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
> SDF NUMBER 231 ISSUED AT 2200Z ON 18 AUG 2000

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z
> TO 18/2100Z: SOLAR ACTIVITY WAS LOW. THE LARGEST EVENT THIS PERIOD
> WAS A C5/1F LONG DURATION FLARE AT 18/0445Z FROM REGION 9127
> (S37W67). A CORONAL MASS EJECTION WAS OBSERVED FOLLOWING THIS FLARE.

> REGION 9125 (N26W36), EXHIBITING A BETA-GAMMA MAGNETIC
> CONFIGURATION, IS THE MOST COMPLEX REGION ON THE VISIBLE DISK, BUT
> OTHER THAN A VERY IMPULSIVE C1/SF FLARE AT 18/1810Z, THIS REGION WAS
> QUIET.

A beta-gamma group is an active sunspot region with magnetic field lines running between sunspots and fairly compact. If the intensity and complexity of these magnetic "fingerprints" intensify, it often means a region of producing large flares, meaning M-class.

> IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN
> AT LOW LEVELS.

Meaning only moderately sized C-class flares.

> IIA. GEOPHYSICAL ACTIVITY SUMMARY 17/2100Z TO 18/2100Z:
> THE GEOMAGNETIC FIELD WAS QUIET. THE GREATER THAN 2 MEV ELECTRON FLUX
> AT GEOSYNCHRONOUS ORBIT WAS AT MODERATE LEVELS.

The slightly high electron flux is primarily of interest to operators of satellites.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
> EXPECTED TO CONTINUE AT MOSTLY QUIET LEVELS.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 18 AUG 170 <----- current solar flux on FRI
> PREDICTED 19 AUG-21 AUG 170/165/160 <-- for SAT/SUN/MON
> 90 DAY MEAN 18 AUG 185

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 17 AUG 009/011 <---- YESTERDAY's A-Index: active
> ESTIMATED AFR/AP 18 AUG 005/007<---- TODAY's estimated A-index: quiet
> PREDICTED AFR/AP 19 AUG-21 AUG 005/008-005/008-005/008
 ^ ^ ^ ^ ^ ^ ^ ^ ^
 SAT SUN MON

Date: Sat, 19 Aug 2000 03:07:42 GMT
From: "Bill Todd" <zapzap73@hotmail.com>
To: myetsko@insydesw.com, zapzap73@hotmail.com, qrp-1@Lehigh.EDU
Subject: [77682] Re: Making the K2 a BIG DEAL in a QSO
Message-ID: <LAW2-F105pcnv3JdZZ00003cfb@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Mike Yetsko" <myetsko@insydesw.com>

>Really, is it the K2 people, or just that you NOTICE the K2 people?

Good post Mike (funny too!) -

Thanks for the wonderful news about the kitten, the x-wife and the weather.
I had no idea.

And, NO..."I NOTICE the K2 people" because many of them find nothing else

to talk about except the fact that they are using a K2.

However, if they were using a homebrew rig powered by potato batteries in series....now THAT would be interesting!

Bill-N7MFB

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Fri, 18 Aug 2000 23:18:58 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <zapzap73@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [77683] Re: Making the K2 a BIG DEAL in a QSO
Message-ID: <003701c0098c\$6f96d040\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, funny you should mention it 'that way'... I know of a web site that is totally 'spud powered'.

Mike

> >From: "Mike Yetsko" <myetsko@insydesw.com>
>
> >Really, is it the K2 people, or just that you NOTICE the K2 people?
>
> Good post Mike (funny too!) -
>
> Thanks for the wonderful news about the kitten, the x-wife and the weather.
> I had no idea.
>
> And, NO..."I NOTICE the K2 people" because many of them find nothing else
> to talk about except the fact that they are using a K2.
>
> However, if they were using a homebrew rig powered by potato batteries in
> series....now THAT would be interesting!
>
> Bill-N7MFB
>

Date: Fri, 18 Aug 2000 23:00:47 -0500 (CDT)
From: ac5ez@webtv.net (K1zw)
To: qrp-1@lehigh.edu
Subject: [77684] qrp dx
Message-ID: <4136-399E066F-4722@storefull-113.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Worked 0e5ke and 0k2df for my first 20 meter qrp dx this evening with my
trusty mfj 9020 and av 640 vertical at 3 watts.
Quite a thrill from Texas.

K1zw
Larry
SOC #386
Qcwa

Date: Fri, 18 Aug 2000 22:41:19 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-1@lehigh.edu>
Cc: <WA6GER@aol.com>
Subject: [77685] Pacificon 2000 QRP Forum Announcement
Message-ID: <006c01c009a0\$286e2ba0\$7cbdc03f@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, Pacificon 2000 will be held on Friday Oct. 20, Saturday, Oct. 21, and
Sunday Oct. 22. All of the QRP activities will be on Friday and Saturday.

This will be the 6th annual NorCal sponsored QRP Forum in conjunction with
Pacificon, the ARRL Pacific Division Convention put on by the Mt. Diablo
Amateur Radio Club. The convention will be held in the Sheraton Concord
Hotel located in Concord, CA which is near Oakland. If you are flying in, I
would suggest Oakland as your #1 choice, San Jose #2 and San Francisco #3.

The telephone number for the Sheraton Concord is 925-825-7700. This will
get you the hotel operator. Ask for the front desk, and ask for the

Pacificon special rate when reserving your rooms.

We have another exciting program planned for you this year. Friday night, we will have a no host dinner starting at 6:30 at Fuddruckers, a hamburger emporium near the hotel. We will meet in the lobby at 6:00 to arrange rides.

Then we will return to the hotel where we will have a QRP Open House Hospitality room starting at 7:30 PM. The feature event on Friday night will be an SMK-1 QSO party. This fun event will start at 8 PM and run for one hour. At the end of the hour, we will exchange qsl cards for the contacts that you have made. Since this is a qrp event, we want qrp qsl cards. So guys, get one of the qsl maker programs, and make some business card sized qsl cards!! The required info will be Stations Call, RST, Name, and first year licensed, date, time & frequency.

You must run an SMK-1 rig to participate, and you may use any antenna that you can fit into the room. (Note, you may not attach the antenna to the walls with any type of tape, nails, staples, old gum, hot glue gun, etc.). The idea will be to work as many stations as you can with your SMK-1. You may modify your SMK, you may bring outboard filters, but your rig must be an SMK. After the QSO party, the operator with the most qso's will be awarded a prize.

The rest of the evening will be spent visiting.

Saturday, we will have 6 speakers, and I am pleased to announce the following:

Vern Wright, W6MMA
Dave Gauding, NF0R
George Heron, N2APB
Mike Gipe, K1MG
Dan Tayloe, N7VE
Graham Firth, G3MFJ and Tony Fishpool, G4WIF

After the final qrp session, Dave Fifield, of Red Hot Radio is hosting a Kodak moment for all NorCal 20, Red Hot Radio NC20, and Red Hot 40 owners. If you bring your radio for the group picture, Dave will present you with a free Red Hot Radio T-Shirt as a special token of his appreciation for your support of Red Hot Radio and QRP.

Saturday night will feature the famous NorCal Building Contest, and this year we will feature the SMK-1 "beauty contest". We will judge your entry for quality of construction and packaging. There will be two divisions:
NJQRP Club SMK-1 Case Kit
and
Original Case

Also, JayBob Bromley and the Ft. Smith QRP group will sponsor the Ft. Smith QRP Group P-TiCK division. Bring your P-TiCK, and we will decide who built the best version of this fabulous \$10 kit.

Finally, we will have the Manhattan construction division. This will be for any project built using Manhattan Style construction and not entered into a contest previously.

Several famous qrpers will be in attendance. Rich Fisher, JayBob Bromley, Paul Harden, Chuck Adams, Dave Yarnes, Samari Sam Imai, Mike "the Picker" Connor, Bob and Bertie Hightower, Brian Kassel, Roger Hightower, Derry Spittle, and many more will be there.

Pacificon will be fun this year. As always, no additional charges for any of the QRP activities, other than the admission to the hamfest. This is NorCal's way of reinvesting in QRP. We want to encourage QRP and to have fun.

Hope to see you in Pacificon. I'll be the guy with the thick glasses, no hair, and a big grin on my face having fun. 72, Doug

Date: Sat, 19 Aug 2000 03:26:40 EDT
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [77686] Items FS /or tradenot CW QRP
Message-ID: <b6.98164b5.26cf90b0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I have a RS 2 METER HT with a bad battery pack.
Also have the matching 440 RS HT.
I have not used the 440 HT for more then 2 years so I'll assume the battery back is bad,(It's on charge now)
Price for both is \$150.00.
Or trade CW QRP?
LOOKING FOR A SST FOR BOTH 20-M & 40-M,NC-20,early NC
40.....or?????,Let me know what you have.
Please *E* mail direct.
Thanks and everyone have a great weekend.
Bob
WA2HOQrp <tm>

Date: Sat, 19 Aug 2000 00:12:46 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: z11mh@extra.co.nz
Cc: Jim Hale KJ5TF <kj5tf@madisoncounty.net>, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [77687] ZL1MH<--->AL7FS 2XQRPp 1,396,200 miles per watt
Message-ID: <399E417E.E206A075@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mike,

That was fun tonight. I have you safely logged in at 100 mw and I have all my log entries down to 5 mw for my station output. I think I will have to send you a QSL card for the 2XQRPp with you at 100 mW and me at 5 mW. I looked you up at <http://www.buck.com> and then ran the bearing and distance on the QRP-L Server.

Our QSO was over a distance of 6,981 miles or 11234 Km. Using 0.005 watts that makes this QSO on at 1,396,200 miles per watt. My previous best was only 202,300 miles per watt. (Check out my certificate at <http://www.qsl.net/al7fs/> the last item in the index)

I appreciated your patience with me on my receive code speed. I was trying to go faster than my comfort range in an attempt to get a little faster. I was copying 85% plus and actually did copy your GQRP number but I got a tiny bit confused and then asked for the slight QRS.

Once again, Mike, thank you for the fabulous 2xQRPp QSO today. My only regret is not trying for 3 mW. :-)

I hope you don't mind that I info copied this message to the QRP-L mail list (<http://www.acs.oakland.edu/~prvalko/qrpplc.htm>). I am pretty excited about the QRPp contact and wanted to share it with my friends.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
QRP-L CD Ver. 3.1 available: <http://www.qsl.net/al7fs/QRP-CDver3.htm>
QRP ARCI #6754 Check out <http://www.qrparci.org/>
<http://www.qsl.net/al7fs/> <mailto:al7fs@pobox.alaska.net>

Date: Sat, 19 Aug 2000 06:56:38 -0400

From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [77688] Re: Appalachian Trail Activation in PA 8/19/00
Message-ID: <006f01c009cc\$26f14ba0\$d50d5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

GM Everyone,

Well I am leaving my house now so in about 1.5 hours
I should be on the air.

I will be going by myself so just look for WB3AAL from the
Appalachian Trail in Berks County east of Route 183.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	

Date: Sat, 19 Aug 2000 07:05:48 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [77689] Re: Old regen receivers and Ross Hull
Message-ID: <200008191205.IAA07545@tisch.mail.mindspring.net>

While I agree entirely that high voltage B+ through the 'phones
can be dangerous and should be avoided, I just had to point out

that most of those old receivers were meant to run on battery power. The batteries did not pose the threat to life that a linear power supply does. The old regen I have here will run with a B+ supplied by half a dozen 9v. transistor batteries in series. Might not feel pleasant to be zapped by it, but unless you are dependent on a pacemaker or something, it isn't likely to kill.

Rather than modify a valuable antique set by installing an output transformer, why not put the transformer into a separate box as a sort of adaptor to sit between the set and the phones? That would be the approach I'd take.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Sat, 19 Aug 2000 08:15:57 -0400
From: Joe Mikuckis <k3chp@erols.com>
To: qrp-l@lehigh.edu
Subject: [77690] Strange Propagation
Message-ID: <399E7A7D.535F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lately I hear Japanese stations about noon local time on 15 meters here on the East Coast.

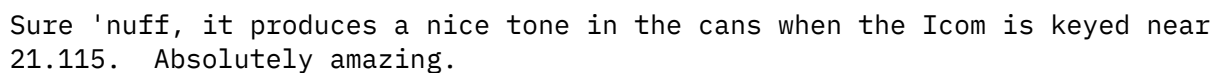
Joe, K3CHP
Riverdale, MD

Date: Sat, 19 Aug 2000 08:57:04 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [77691] This stuff is so much fun
Message-ID: <009901c009dc\$fba4a3a0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I posted earlier about the simple 74HC240 15 meter transmitters N8ERO and I

After a certain amount of old-ladying around, we decided that an SG-8002 offset from our transmit frequency was the right choice for an LO. And taking the simple approach, a DC receiver using the venerable 602 seemed the ticket. One of the nice things about 15 is that there's just no QRM, so most of the downsides to the 602, and the DC approach, just aren't an issue.

Well, you know what comes next:



72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 19 Aug 2000 09:15:46 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [77692] Re: This stuff is so much fun
Message-ID: <00a901c009df\$96fa0aa0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Whoops - in case you try this at home, the values of the 2 caps are reversed on the sketch.

In case you are wondering, the L0 input to the 602 wants to be capacitatively coupled, and a few hundred millivolts. The 2 caps form a voltage divider to get the approx. 5v output from the 8002 down into the neighborhood.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 19 Aug 2000 08:20:26 -0500 (CDT)
From: ac5ez@webtv.net (K1zw)
To: qrp-l@lehigh.edu
Subject: [77693] Re: ZL1MH<--->AL7FS 2XQRPp 1,396,200 miles per watt
Message-ID: <4036-399E899A-3516@storefull-111.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Jim
Thats quite a feat. My best is 1806 miles per watt (texas to austria on 3 watts) I need to get out more often ha !.

K1zw
Larry
SOC #386
Qcwa

Date: Sat, 19 Aug 2000 09:28:37 -0400

From: w2xn@juno.com
To: qrp-1@lehigh.edu
Subject: [77694] Australia on 20 M
Message-ID: <20000819.092846.-672401.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked VK4DHF in Malanda, Australia on 14054.70 using 5 watts into a ground mounted vertical.

Fred W2XN, Lakeland FL, w2xn@arrl.net
ARRL, ARES, Skywarn #POL-007, VE, Lakeland Amateur Radio Club
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 19 Aug 2000 10:11:05 -0400
From: Tom and Roxy <zikot@erie.net>
To: qrp-1@Lehigh.EDU
Subject: [77695] Re: QRP from Presque Isle State Park, PA.
Message-ID: <3.0.5.32.20000819101105.007b77c0@erie.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to Jim, N5IB and Dave (?) for verifying that my grid square software is correct.

If anyone needs a QSL for grid square EN92WD that is where I will be operating from on Sunday from 11:00am - 9:00pm EST. I will be using a SMK-1 into a 63' long wire antenna supported by a multitude of Helium balloons. I have measured the P0 on the SMK-1 to 250mw into a 52ohm load so I should be able to get a good signal on 40m.

Since I am by myself I will be taking a 15 minute break on the hour. If the band appears to be dead I will do the opposite and take a listen on the hour to see if I hear any activity. My XYL may call me for a short time BBQ grill duty, however, I will be back on 40m within an hour or so.

Best of 73's es gud DX!

Tom & Roxanne
WA1VAI/3

Date: Sat, 19 Aug 2000 07:17:28 -0700
From: "NA6E" <na6e@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [77696] For sale: K2 - SW30 - GM 15 Kit
Message-ID: <LPBBKMHGKJHAFCHLDJBACEEBCPAA.na6e@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm doing some major changes to the shack and have these items for sale.

Elecraft K2 - serial #559. In pristine condition cosmetically and functionally. Includes: 160 meters; ssb adapter, noise blanker, built in antenna tuner, internal 2.9AH battery and cw tuning indicator. Will even include the once used Radio shack handheld microphone. All upgrade mods have been installed. Includes manuals and documentation.
\$1000.00 includes shipping and insurance world wide!!!!

Small Wonders Lab SW30 - includes RIT option. Works great. \$45.00 shipped CONUS

Green Mountain 15 Meter Superhet transceiver Kit w/ enclosure - I have too many kits to build!!
\$70.00 shipped CONUS

72
Mary, NA6E

Date: Sat, 19 Aug 2000 10:09:29 -0500
From: "Marty Purselley" <brewer@flash.net>
To: <qrp-1@Lehigh.EDU>
Subject: [77697] Wanted: DSW kit
Message-ID: <007e01c009ef\$794b8500\$8e4cd7d8@mlp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I am looking for a DSW 20 or DSW 15. If anyone has one they would like to sell, please email me off list.

Thanks,

Marty AA5UN

Date: Sat, 19 Aug 2000 12:27:55 -0400
From: Tom M <tjmc@erols.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [77698] Tic chip curcuit?
Message-ID: <399EB58B.E3E2A125@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

I have a Tic chip I received from a friend (version 1) who upgraded his keyer...
Anyone have a curcuit for this chip ... I'm going to mount it in my SMK-1 rig.

tk's in advance

Tom

--

```
*****
*   Member of NorCal, NJQRP, SGCI           *
*                                           *
*   Personal web page : WWW.EROLS.COM/TJMC  *
*****
```

Date: Sat, 19 Aug 2000 12:48:12 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l@lehigh.edu
Subject: [77699] Re: Tic chip curcuit?
Message-ID: <3.0.6.32.20000819124812.0079bcd0@vmsspop.rit.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:27 PM 8/19/00 -0400, you wrote:

>Hi Gang,
>
>I have a Tic chip I received from a friend (version 1) who upgraded his
>keyer...
>Anyone have a curcit for this chip ... I'm going to mount it in my SMK-1
>rig.

Tom,

Here's the circuit I used:

<http://www.qsl.net/wd8civ>

Good luck!

Dave

Date: Sat, 19 Aug 2000 11:47:17 -0500
From: "Terry Bassett" <mutabut@net66.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [77700] Great Morning on radio
Message-ID: <000d01c009fd\$234d0580\$2647fa3f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

I've been trying to scare up some
qrp contacts on 20 this morning after
getting two qso's going and then getting
interrupted by taking my daughter to
Volleyball practice and then picking her
up from same, I moved to 10 Meters.

There was a little activity on the
low end of the band. I found 9g5ap
calling "up two". I got out the manual
for my Icom 707 and got the thing set up
for "up two" and waited a while till he
signed tu with a station. I sent
ka9txe/qrp on 28035 and he came back on
28033 with the same 5nn he was handing
out to everyone and he was working lots

of stations. Apparently he has good ears. I sent at about 25 wpm and he caught it FB.

Not much of a qso in the scheme of things but certainly plenty of proof that propagation is more important than power.

Then of course I had to get off radio again to take daughter to Vet Clinic where she works, but it certainly looks like today will be a fun day on the radio in between family chores.

72

Terry KA9TXE East Central Illinois

Date: Sat, 19 Aug 2000 10:52:15 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [77701] Argonaut Mod (long)
Message-ID: <Pine.LNX.4.10.10008191046520.753-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is what I propose to send with the data sheet for 2SC1666, and the transistors. Please read and offer improvements off line to me. Thanks.

Ten Tec Argonaut 5 Watt Modification
Karl Larsen K5DI
August 17, 2000

During the Summer FOX Hunts I noticed the 1/2 s unit power handicap was present. In the 25 years that have passed the power transistor design has matured a great bit. I just didn't know what to order. After a couple of helpful messages from guys on QRP-L I e-mailed RF Parts and Merit, W6NQ who works there suggested 2 other transistors among which was the 2SC2166C at \$1.20 each. A message to QRP-L got the data sheet in .pdf and after reading that I ordered the transistors. The 2SC2166C is made for CB radios and will make 5 watts all day every day on 27 MHz.

Here is a step by step modification list:

1. You will need 2 T0-220 mounting kits and a small tube of heat grease available at Radio Shack. I will include 12 inches of 26 gauge hookup wire for your use. You also need the radio's manual.
2. Remove the bottom cover. At the center on the back of the chassis is the amplifier board with a small L shaped aluminum heat sink connected to it by the transistors (The 505 model may not have a heat sink). Remove 1 screw from the heat sink. Carefully unplug the amplifier board. Lift out the 2 things as a unit. It is tight and be careful not to injure the coils on the filter unit.
3. Remove 2 screws holding the 2 transistors to the heat sink.
4. Remove both transistors from the amplifier board with care and using solder wick or a solder remover, Clean out all 6 holes the transistors came out from.
5. Using the mounting kits and the grease mount the 2 2SC2166's on the small heat sink using the holes already there. check your work with an ohm meter. Mount one and check collector to heat sink. If bad re-do the mounting until you get an open circuit. Then do the other one. If you don't have a heat sink consider mounting the transistors on the chassis as near to the amplifier board as possible. Remove the board on top while you mount the transistors.
6. Cut the 26 gauge wire into 6 1 1/2 inch peaces and strip off the insulation on both ends about 1/4 inch. Put a wire in each of 6 holes where you removed the transistors from the amplifier board. Solder them in place.
7. Now making sure you connect the top wires from the amplifier board to the top transistor, do the same to the bottom. I just tinned each pin of the transistor and tinned the wires and then just heat connected them.
8. Now put the heat sink and the amplifier board back into the radio as a unit. You have just the one screw on the heat-sink but it's a bastard to get done properly.
9. Now turn the drive control to minimum and hook the antenna to a dummy load with a power meter. Put the Argonaut into monitoring forward power. Turn on the rig and watch for normal operation on receive. This being the case key the transmitter and slowly raise drive power until you see rf being made. Keep coming up until you have full scale defection on the meter. Now feel the little heat sink. there should be zero heating. Now up the drive until you get an output of 5 watts. Again feel the heat sink and you might feel a little heat.

10. If 9. above doesn't happen, check your wiring again. If you only get 3 watts or like that do a normal transmitter tune-up and you will get the 10 watts on all bands.

72, k5di karl

Date: Sat, 19 Aug 2000 13:21:36 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [77702] AE4GX NOGA Tube Rig meets W3IRZ NOGA Tube Rig - Showdown on 80 mtrs!
Message-ID: <058CBAE0931FD411B70E00805FCD5D42306565@MAILSERVER2>
MIME-Version: 1.0
Content-Type: text/plain

> From Mike W3IRZ
> *****
> This confirms our QSO today at 9:15 AM today on 3686.4 KHZ CW. I received
> Sam with a 459 + QSB and Sam received me with a 569.
>
> The W3IRZ all homebrew, all tube, station consisted of the NOGA 2 Tube 80
> TX
> running 2.0 Watts output thru a resistive SWR bridge/TR combo into a Z
> match
> tuner. A simple microswitch key was used. The antenna is my only HF
> antenna, a 500 loop with open wire feed. The RX used consisted of a WW2
> BC-453 as a variable IF following a 3 tube crystal controlled converter.
>
> At AE4GX Sam was using his variation of the same TX but scaled to one tube
> and 500 mw. He will describe his station in detail.
>
> Mike W3IRZ
>
> From Sam AE4GX
> *****
> Well you may recall that I was hoping to to fire up the "newly build" and
> MODed W3IRZ tube rig this weekend. Well it happened.
>
> QSL QSO at 8/19/2000 at 1304-1316utc on 3.686 mhz.
>
> But I'm getting ahead of my story and we all know thats where the real fun
> usually is. I did cannablize my old tube Signal Generator to get the power

> transformer. Perfect size plate voltage about 150V DC and wow a 6.3
> (actually about 7V) AC filament winding too.

>

I wire the coils, attach a dummy load, key and fire it up.

> I key the rigNO signal...but am drawing plate currentHummmm?

>

> Experiment with coil and grid leak resistor and change xtals. Still no
> luck. I suspect a bad solder joint or missing wire. I start a solder joint
> by solder joint survey and lo and behold I find one wire from the cathode
> to
> the wrong end of the RFC. No wonder it doesn't oscillate.

>

> Make the change and the rig springs to life ...a sine wave on the O-scope
> of about
> 10V P-P (0.5Watt about what I was expecting).

>

> Look and the signal on the Spectrum Analyzer and see the 2nd harmonic
> about
> -16 dB down from fundamental not bad for no treaking.

But after puttin it through the LDG tuner looks OK.

> So I call my old realiable Elmer Mike W3IRZ at 8:30AM Sat and ask for a
> short test with him. We both go setup the rigs and get ready. I notice my
> 3.6864 xtal when operating in the rig is actually putting out at about
> 3.6873 so I let Mike known via phone. He's says don't worry my old WW2
> tube

> RX is as wide as a barn.

>

> I give him a call.....W3IRZ W3IRZ de AE4GX KN He comes
> back.....Glory!!!!!!!!! Tube to Tube.

>

> He's using his 2 watt NOGA Tube Rig (in Altoids) and I'm using my one tube
> in wooden candy box. It doesn't get much better than this.

>

> He gives me 459 w/QSB and QRN and I give him 569. He's on 500 ft BIG lood
> and I'm on my 120 ft inverted L wire via an LDG tuner.

>

> We sign and get back on phone to compare notes. Both rigs sounded good. No
> Cuban quality at all. I'm a very happy camper and Mike is too.

>

> So I got some cleanup to do and experiment with the link output winding a
> little but success is sweet.

>

> Since I did have a PIX of Mike's rig from the last NOGA meeting I'll
> show it too.

>

> Mike's rig <http://ae4gx.home.mindspring.com/w3irztuberig.jpg>
>
> Sam's rig <http://ae4gx.home.mindspring.com/ae4gxtubeclose.jpg>
>
> Sam's rig and NOGAWATT <http://ae4gx.home.mindspring.com/ae4gxtuberig.jpg>
>
> Hopefully we have be a NOGA web page section up with more details on MODs
> and
> other information.
>
> Sam AE4GX NOGA Atlanta, GA
>
>

Date: Sat, 19 Aug 2000 19:27:16 +0200
From: "Hans Kaper" <hanskap@kaper-1.tmfweb.nl>
To: <qrp-1@lehigh.edu>
Subject: [77703] newcomerquestion: what do I need?
Message-ID: <000201c00a03\$45d5e800\$7601643e@tm981195>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I am new in QRP-operation. As a matter of fact I am new in Hamradio too.
After I retired from work I took up a study for a Ham licence. Firstly I did
my morsecode and half a year later I obtained my Ham-licence (in 1996).
I do not have any electrical or electronical experience and I must confess I
am not very skilled in soldering too. I managed to make a very simple 80
meters receiver which worked after the second try.

I am enjoying myself very much but maybe I do need more to participate in
QRP operation.

I own:

A second hand Kenwood TS-130V max. 10 watts 3.5 - 30 MHz including WARC
frequencies.

A homemade Z-match to tune my antenna

Enough wire to erect an antenna. At the moment I have a wire-loop antenna in
a rough square-form, abt 35 meters circumference and abt 5 meters up.

So far I can work Europe, incl. European Russia. On rare occasions I worked
New York (SSB) ans Japan (CW)

As soon as I get permission I plan to erect a simple mast (steel pipe)

height 10 meters.

What would you advise? Buy a better transmitter, try to obtain a yagi or just be satisfied with what I have? My ultimate goals are:

1. Have fun ragchewing with Hams
2. Get 100 intities aknowledged for a DXCC-award QRP-CW (in that order!)

Thanks for your patience reading this far.

Hans Kaper PA3HGM

Date: Sat, 19 Aug 2000 12:13:25 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [77704] Help request, forward from N4SO/MM
Message-ID: <399E79E5.15952.510879@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Reply to: MSG.USNSLITTLEHALES@mscfloat.msc.navy.mil

QRP-L please-
Beacon on 18 Mhz

IK6BAK/B
operates 24 hours per day//18068.00
beacon string:

IK6BAK/Beacon
www.qsl.net/IK6BAK

Can someone look this up on the Web and see what info he has???

N4SO/MM
NLIT

Date: Sat, 19 Aug 2000 13:15:22 -0500
From: Randy & Cara Randall <crrandal@seidata.com>
To: ka9nzi@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [77705] Re: Old regen receivers and Ross Hull
Message-ID: <399ECEBA.1A68944D@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here is another thing to note, the headsets were made with having 90-180V on them in mind.

I never use an AC power supply for the B+ on my old sets. I have a pack made from 12 9V batteries with fawnstock clips soldered at appropriate voltage taps. It is over 3 years old and still doing fine. I used heavy duty rather than alkaline since they seem to last longer in this application.

Randy.

Gary Lee Phillips wrote:

> While I agree entirely that high voltage B+ through the 'phones
> can be dangerous and should be avoided, I just had to point out
> that most of those old receivers were meant to run on battery
> power. The batteries did not pose the threat to life that a
> linear power supply does. The old regen I have here will run
> with a B+ supplied by half a dozen 9v. transistor batteries in
> series. Might not feel pleasant to be zapped by it, but unless
> you are dependent on a pacemaker or something, it isn't
> likely to kill.
>
> Rather than modify a valuable antique set by installing an output
> transformer, why not put the transformer into a separate box as
> a sort of adaptor to sit between the set and the phones? That
> would be the approach I'd take.
>
> -- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
> KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
> QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Sat, 19 Aug 2000 11:44:53 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [77706] Re: newcommerquestion: what do I need?
Message-ID: <001d01c00a0d\$90cd4c40\$9cd7fc9e@oemcomputer>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hans

You ask some good questions.

First, let me say that you already have a station that is better equipped than many active hams, whether they run high power or low power.

Height is almost always your friend, so yes, do raise your antenna to whatever height is possible. Also, if you can increase the total length of wire in your loop, it will help. Perhaps another 5 to 6 meters, for example, or even more if possible. At low power, 10 watts or less, you can easily use 300 ohm TV twinlead for your feedline to the loop. You didn't mention what you are using currently.

Before investing in more equipment or yagi antenna systems, etc, I suggest you gain some experience in operating on the various ham bands. Visit with other hams in your area as well, and see what they do and what they use. Take some time to find what aspects of ham radio particularly appeal to you.

Take your time, read ham magazines, visit ham radio web pages, invest in a few books. Continue to ask questions, as you have already started. For many of us, the journey is more fun than arriving at the destination. Enjoy the search for information, because the learning process is an essential part of ham radio and living in general.

Welcome to this great hobby, Hans. I hope to work you on the air some day.

73, Bob N6WG
Newark, CA on San Francisco Bay

Date: Sat, 19 Aug 2000 12:45:15 -0600
From: Andrew Madsen <andrew@utahdesign.com>
To: qrp-1@Lehigh.EDU, hanskap@kaper-1.tmfweb.nl
Subject: [77707] Re: newcomerquestion: what do I need?
Message-ID: <399ED5BB.8063E1C4@utahdesign.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Hans,

I am relatively new in Ham Radio and QRP as well. I was licensed in September, 1999. I am 15 years old. I have been active in QRP for

about 3 months now. My antennas are both dipoles each one is only up about 15 feet. I have worked Russia (including Siberia), Japan, most US states, and Australia from my QTH here in Salt Lake City, UT USA. For QRP I use a Small Wonder Labs DSW-20 and my Kenwood TS-570DG at reduced power. Unfortunately, the DSW-20 is no longer in production for the time being. Elecraft is a good source of radio kits (QRP) at www.elecraft.com. Small wonder labs is at: www.smallwonderlabs.com. You can have a lot of fun with QRP by simply reducing the power on your TS-130V to 5 watts or less. You will have a lot of fun with 10 meters. QRP-L is a great resource as is QRP-ARCI (www.qrparci.org). Most of all have fun with what you have!

72,
Andrew AC7CF

--
73,
Andrew Madsen AC7CF
ac7cf@qsl.net
<http://www.qsl.net/ac7cf>
AOL IM: ac7cf
FISTS nr. 7439 | QRP-L nr. 2180
FPQRP#-71 | A.R.S nr. 738
SOC #376 | UARC | ARRL
Norcal | NOGAQRP | NJQRP

Date: Sat, 19 Aug 2000 15:29:52 -0400
From: n4qa@juno.com
To: qrp-l@Lehigh.EDU
Subject: [77708] Re: newcomerquestion: what do I need?
Message-ID: <20000819.152954.-93513.0.n4qa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello, Hans.

It sounds like you have a very good QRP station, already. I'm sure some of the guys/gals on this list will offer many good alternative rigs and antenna systems. The only thing I would recommend is to get the antenna as high as possible but you've already thought of that, too. And your results with your current setup are something to be proud of.

I enjoyed operating QRP as N4QA/MM (or should it have been /DD ? :) in DryDock in Pernis, near Rotterdam, back in 1983 aboard M/V Sealand Voyager/ KHRK... worked PCH many times on maritime bands.

.
73,
Bill, N4QA

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 19 Aug 2000 13:58:02 -0700
From: Scott Gregson <emtech@steadynet.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [77709] NW series power-out mod online
Message-ID: <399EF4DA.67E15D7E@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just posted a simple power out mod to the NW series radio. I don't have time right now to experiment with the resistor values to produce specific power levels. If someone takes time to work out a few values and sends me the specifics (including band - makes a difference) I'll update the page to include the data.

goto:

<http://emtech.steadynet.com/power.html>

Thanks,
Scott

Date: Sat, 19 Aug 2000 18:21:48 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [77710] OT: Online operating schedule software
Message-ID: <399F087C.BFEAF5FF@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I started thinking about ways we could let one another know when/where we will be operating. I couldn't find anything available online that did what I wanted, so I figured I'd take a shot at writing something. This afternoon I threw together a program to publish your "sked". It's called "UrSked" and I'm testing it at <http://www.neknetwork.com/cgi-bin/ursked.cgi>

Please give it a shot and let me know if you think it's a valuable asset and worth continued development. I really don't know where I'm going with it, but figured it would be worth trying. I wanted to offer it up to the good folks here on the QRP-L first - please don't announce it elsewhere yet as I want to give it a "low power" test for a few weeks.

73,

John

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

End of QRP-L Digest 1918
